



**Clean Michigan Initiative
Clean Water Fund Grant**

Tracking code 2001-0040



Washtenaw County

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Illicit Connection Elimination in Malletts Creekshed

January 1, 2002, through December 31, 2007

The Malletts Creek basin is an 11-square-mile tributary of the Huron River located in the City of Ann Arbor and northern Pittsfield Township. This urban waterway drains 40% of Ann Arbor's storm water and discharges to the Huron River. The River is listed as impaired for phosphorus and *E. coli*. Sampling at the mouth of Malletts Creek indicated dry weather levels of *E. coli* commonly in the hundreds or thousands of colony forming units/100ml, suggesting the presence of illicit discharges. The Total Maximum Daily Load goal for Malletts Creek is a mean monthly average of 130 colony forming units/100 ml. This project identified illicit discharges through sampling, video inspection and dye-testing, and required correction by property owners to eliminate the source of pollution.



Grant Amount: \$ 240,700

Match Funds: \$ 81,400

Total Amount: \$ 322,100

Best Management Practices:

- Rerouting sanitary waste from storm sewer to sanitary - 17

Project Accomplishments:

- 600+ manholes, waterways and outfalls sampled
- 38 sub-watersheds investigated
- Video inspection of 13 sub-watersheds

Annual Load Reductions:

- 1.82×10^{13} colony forming units annually



Partners involved:

- City of Ann Arbor
- City of Ypsilanti



Sanitary sewer backup resulting from collapsed pipe, flowing down slope to Malletts Creek.



Toilet paper flowing in a storm sewer.



Raccoon feces commonly found in storm sewer manholes structures.



Positive dye-test indicative of an illicit connection to the storm sewer.